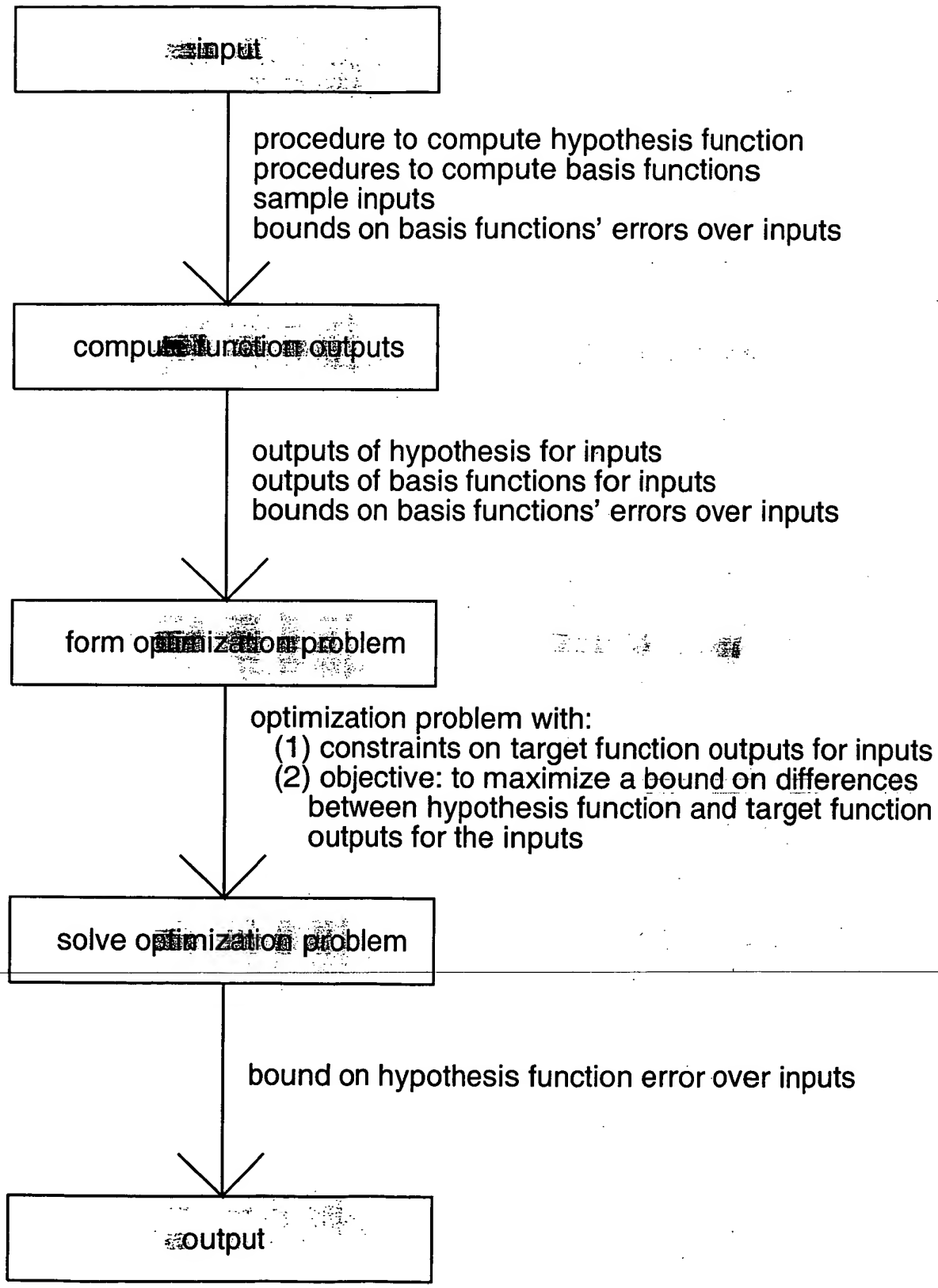
FIG. 1


input
procedure to compute hypothesis function
procedures to compute basis functions
sample inputs
bounds on basis functions' errors over inputs
compute function outputs
outputs of hypothesis for inputs
outputs of basis functions for inputs
bounds on basis functions' errors over inputs
form optimization problem
optimization problem with:
(1) constraints on target function outputs for inputs
(2) objective: to maximize a bound on differences between hypothesis function and target function outputs for the inputs
solve optimization problem
bound on hypothesis function error over inputs
output